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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76)**

**Title of Invention**

SLIDING CONCAVE FOUNDATION SYSTEM

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or  
☐ Application No. 10/659,243, filed on 9/11/2003,  
☐ as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

**FULL NAME OF INVENTOR(S)**

Inventor one: Mehrdad Hamidi

Signature: [Signature] Citizen of: Iran

Inventor two: M. Hashem El Naggar

Signature: [Signature] Citizen of: Canada

Inventor three: Abolhassan Vafai

Signature: [Signature] Citizen of: Iran

Inventor four: Goodarz Ahmadi

Signature: [Signature] Citizen of: United States

☐ Additional inventors or a legal representative are being named on \_\_\_\_\_ additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76)****Title of Invention**

SLIDING CONCAVE FOUNDATION SYSTEM

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
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- ☐ as amended on \_\_\_\_\_ (if applicable);

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**FULL NAME OF INVENTOR(S)**Inventor one: Mehrdad HamidiSignature: ✓ Citizen of: IranInventor two: M. Hashem El NaggarSignature: ✓ M. El Naggar Citizen of: CanadaInventor three: Abolhassan VafaiSignature: ✓ Citizen of: IranInventor four: Goodarz AhmadiSignature: ✓ Citizen of: United States☐ Additional inventors or a legal representative are being named on \_\_\_\_\_ additional form(s) attached hereto.

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<b>Title of Invention</b>	<b>SLIDING CONCAVE FOUNDATION SYSTEM</b>
As the below named inventor(s), I/we declare that:	
This declaration is directed to:	
<input type="checkbox"/> The attached application, or	
<input type="checkbox"/> Application No. <u>10/659,743</u> , filed on <u>9/11/2003</u> ,	
<input type="checkbox"/> as amended on _____ (if applicable);	
I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;	
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<b>FULL NAME OF INVENTOR(S)</b>	
Inventor one: <u>Mehrdad Hamidi</u>	
Signature: <u>/</u>	Citizen of: <u>Iran</u>
Inventor two: <u>M. Hashem El Naggar</u>	
Signature: <u>/</u>	Citizen of: <u>Canada</u>
Inventor three: <u>Abolhassan Vafai</u>	
Signature: <u>Abolhassan Vafai</u>	Citizen of: <u>Iran</u>
Inventor four: <u>Goodarz Ahmadi</u>	
Signature: <u>/</u>	Citizen of: <u>United States</u>
<input type="checkbox"/> Additional inventors or a legal representative are being named on _____ additional form(s) attached hereto.	

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☐ Application No. 10/659,743, filed on 9/11/2003,  
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FULL NAME OF INVENTOR(S)

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Signature: [Signature] Citizen of: Iran

Inventor two: M. Hashem El Naggar

Signature: [Signature] Citizen of: Canada

Inventor three: Abolhassan Vafai

Signature: [Signature] Citizen of: Iran

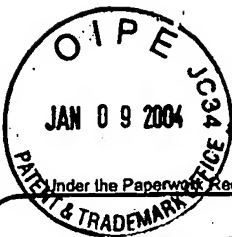
Inventor four: Goodarz Ahmadi

Signature: [Signature] Citizen of: United States

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PTO/SB/81 (06-03)

Approved for use through 11/30/2005, OMB 0551-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	10/659,743
Filing Date	September 11, 2003
First Named Inventor	Hamidi et al.
Title	Sliding...System
Art Unit	
Examiner Name	
Attorney Docket Number	14443

I hereby appoint:

☒ Practitioners at Customer Number:

000293

OR

☐ Practitioner(s) named below:

Name	Registration Number
Ralph A. Dowell	26 868
Nancy E. Hill	41 564
Lynn C. Schumacher	36 413
Wendy M. Slade	53 604

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Ralph A. Dowell of DOWELL & DOWELL, P.C.				
Address	Suite 309, 1215 Jefferson Davis Highway				
Address					
City	Arlington	State	VA	Zip	22202
Country	U.S.				
Telephone	703 415 2555	Fax	703 415 2559		

I am the:

☒ Applicant/Inventor.☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Name	Mehrdad Hamidi		
Signature	<i>Mehrdad Hamidi</i>		
Date	Dec. 9, 2003	Telephone	519-657-4905

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 4 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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First Named Inventor	Hamidi et al.
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The above-mentioned Customer Number:

OR



The address associated with Customer Number:

OR

Firm or  
Individual Name

Ralph A. Dowell of DOWELL &amp; DOWELL, P.C.

Address

Suite 309, 1215 Jefferson Davis Highway

Address

City

Arlington

State

VA

Zip

22202

Country

US

Telephone

703 415 2555

Fax

703 415 2559

I am the:



Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Name

M. Hashem El Naggat

Signature

M. Hashem El Naggat

Date

Sept. 10, 2003

Telephone

1/519-661-421

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.



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INDICATION FORM**

Application Number	10 1259743
Filing Date	September 11, 2003
First Named Inventor	Hamidi et al.
Title	Sliding... System
Art Unit	
Examiner Name	
Attorney Docket Number	14443

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000293

OR

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Nancy E. Hill	41 564
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**SIGNATURE of Applicant or Assignee of Record**

Name: Abo1hassan Vafai

Signature: Abo1hassan Vafai

Date: Sep. 30. 2003

Telephone: 1 98212299789

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Application Number	10/1659,743
Filing Date	September 11, 2003
First Named Inventor	Hamidi et al.
Title	Sliding...System
Art Unit	
Examiner Name	
Attorney Docket Number	14443

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☒ Firm or Individual Name Ralph A. Dowell of DOWELL & DOWELL, P.C.

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Name	Goodarz Ahmadi		
Signature	✓ Goodarz Ahmadi		
Date	✓ 10/4/03	Telephone	(315) 268-2322

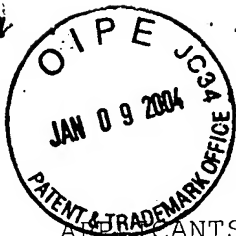
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Mehrdad Hamidi, M. Hashem El Naggar, Abolhassan Vafai  
and Goodarz Ahmadi

TITLE: SLIDING CONCAVE FOUNDATION SYSTEM

SERIAL NUMBER: 10/659,743

DOCKET NUMBER: 14443

FILED: September 11, 2003

VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS

[ X ] FOR INDEPENDENT INVENTORS

As a below-named inventor, I hereby declare that I am an independent inventor who (1) has not assigned, granted, conveyed, or licensed, and (2) is under no obligation under contract or law, to assign, grant, convey, or license, any rights in the invention, to any person who could not likewise be classified as an independent inventor if that person had made the invention, or to any concern which would not qualify as a small business concern or a nonprofit organization, as defined in 37 CFR 1.9.

[ ] FOR SMALL BUSINESS CONCERN

I hereby declare that \_\_\_\_\_ is a business concern which qualifies as a small business concern as defined in §1.9(d) - namely, (1) whose number of employees, including those of its affiliates, does not exceed 500 persons; and (2) which has not assigned, granted, conveyed, or licensed, and is under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor if that person had made the invention, or to any concern which would not qualify as a small business concern or a nonprofit organization under this section; and that the exclusive rights to the invention have been conveyed to and remain with the above-identified small business concern.

I further declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful, false statements and the like, so made, are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the patent application or any patent issuing thereon.

INVENTOR(S):

M. Hamidi  
Mehrdad Hamidi

\_\_\_\_\_  
Abolhassan Vafai

Date: Oct. 6, 2003

Date: \_\_\_\_\_

\_\_\_\_\_  
M. Hashem El Naggar

\_\_\_\_\_  
Goodarz Ahmadi

Date: \_\_\_\_\_

Date: \_\_\_\_\_



THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Mehrdad Hamidi, M. Hashem El Naggar, Abolhassan Vafai  
and Goodarz Ahmadi

TITLE: SLIDING CONCAVE FOUNDATION SYSTEM

SERIAL NUMBER: 10/689,743

DOCKET NUMBER: 14443

FILED: September 11, 2003

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As a below-named inventor, I hereby declare that I am an independent inventor who (1) has not assigned, granted, conveyed, or licensed, and (2) is under no obligation under contract or law, to assign, grant, convey, or license, any rights in the invention, to any person who could not likewise be classified as an independent inventor if that person had made the invention, or to any concern which would not qualify as a small business concern or a nonprofit organization, as defined in 37 CFR 1.9.

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INVENTOR(S):

\_\_\_\_\_  
Mehrdad Hamidi

\_\_\_\_\_  
Abolhassan Vafai

Date: \_\_\_\_\_

Date: \_\_\_\_\_

  
\_\_\_\_\_  
M. Hashem El Naggar

\_\_\_\_\_  
Goodarz Ahmadi

Date: Sept. 30, 2003

Date: \_\_\_\_\_



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Mehrdad Hamidi, M. Hashem El Naggar, Abolhassan Vafai  
and Goodarz Ahmadi

TITLE: SLIDING CONCAVE FOUNDATION SYSTEM

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VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS

☒ [ X ] FOR INDEPENDENT INVENTORS

As a below-named inventor, I hereby declare that I am an independent inventor who (1) has not assigned, granted, conveyed, or licensed, and (2) is under no obligation under contract or law, to assign, grant, convey, or license, any rights in the invention, to any person who could not likewise be classified as an independent inventor if that person had made the invention, or to any concern which would not qualify as a small business concern or a nonprofit organization, as defined in 37 CFR 1.9.

☐ [ ] FOR SMALL BUSINESS CONCERN

I hereby declare that \_\_\_\_\_ is a business concern which qualifies as a small business concern as defined in §1.9(d) - namely, (1) whose number of employees, including those of its affiliates, does not exceed 500 persons; and (2) which has not assigned, granted, conveyed, or licensed, and is under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor if that person had made the invention, or to any concern which would not qualify as a small business concern or a nonprofit organization under this section; and that the exclusive rights to the invention have been conveyed to and remain with the above-identified small business concern.

I further declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful, false statements and the like, so made, are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the patent application or any patent issuing thereon.

INVENTOR(S):

\_\_\_\_\_  
Mehrdad Hamidi

Date: \_\_\_\_\_

\_\_\_\_\_  
M. Hashem El Naggar

Date: \_\_\_\_\_

Abolhassan Vafai  
Abolhassan Vafai

Date: Sep. 30. 2003

\_\_\_\_\_  
Goodarz Ahmadi

Date: \_\_\_\_\_



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Mehrdad Hamidi, M. Hashem El Naggar, Abolhassan Vafai and Goodarz Ahmadi

TITLE: SLIDING CONCAVE FOUNDATION SYSTEM

SERIAL NUMBER: 10/659,743

DOCKET NUMBER: 14443

FILED: September 11, 2003

VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS

[ X ] FOR INDEPENDENT INVENTORS

As a below-named inventor, I hereby declare that I am an independent inventor who (1) has not assigned, granted, conveyed, or licensed, and (2) is under no obligation under contract or law, to assign, grant, convey, or license, any rights in the invention, to any person who could not likewise be classified as an independent inventor if that person had made the invention, or to any concern which would not qualify as a small business concern or a nonprofit organization, as defined in 37 CFR 1.9.

[ ] FOR SMALL BUSINESS CONCERN

I hereby declare that \_\_\_\_\_ is a business concern which qualifies as a small business concern as defined in §1.9(d) - namely, (1) whose number of employees, including those of its affiliates, does not exceed 500 persons; and (2) which has not assigned, granted, conveyed, or licensed, and is under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor if that person had made the invention, or to any concern which would not qualify as a small business concern or a nonprofit organization under this section; and that the exclusive rights to the invention have been conveyed to and remain with the above-identified small business concern.

I further declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful, false statements and the like, so made, are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the patent application or any patent issuing thereon.

INVENTOR(S):

\_\_\_\_\_  
Mehrdad Hamidi

Date: \_\_\_\_\_

\_\_\_\_\_  
M. Hashem El Naggar

Date: \_\_\_\_\_

\_\_\_\_\_  
Abolhassan Vafai

Date: \_\_\_\_\_

\_\_\_\_\_  
Goodarz Ahmadi

Date: 10,4,03



ATTORNEY'S DOCKET NO.: 14443

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY  
STATUS (37 CFR 1.9(f) AND 1.27(D) - NONPROFIT ORGANIZATION**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

Name of Organization: THE UNIVERSITY OF WESTERN ONTARIO

Address of Organization: Stevenson-Lawson Building, London, Ontario N6A 5B8,

Type of Organization:

☒ University or Other Institution of Higher Education

☐ Tax Exempt Under Internal Revenue Service Code 26 USC 501(a) and 501(c)(3)

☐ Nonprofit Scientific or Educational Under Statute Of State of the United States Of America

If Located in the United States Of America

(Name Of State \_\_\_\_\_ )

(Citation Of Statute \_\_\_\_\_ )

☐ Would Qualify as Tax Exempt Under Internal Revenue Service Code 26 USC 501(a) and 501(c)(3) If Located In the United States Of America

☐ Would Qualify as Nonprofit Scientific or Educational Under Statute Of State of the United States Of America If Located in the United States Of America

(Name Of State \_\_\_\_\_ )

(Citation Of Statute \_\_\_\_\_ )

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled:

**SLIDING CONCAVE FOUNDATION SYSTEM**

described in the specification filed: Filing Date: September 11, 2003

Serial No. 101659,743

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below\*and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

\*NOTE: Separate verified statements are required from each named person, concern, or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

FULL NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

☐ INDIVIDUAL

☐ SMALL BUSINESS CONCERN

☐ NONPROFIT ORGANIZATION

FULL NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

☐ INDIVIDUAL

☐ SMALL BUSINESS CONCERN

☐ NONPROFIT ORGANIZATION


I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name of Person signing: Robert Herold

Title in Organization: Acting Director

Address of Person Signing: 117 Stanley St., St. Thomas, Ontario

Signature:  Date: Sept. 22, 2003